

RESULT 15  
 AA311750 AA311750 409 bp mRNA linear EST 19 APR-1997  
 DEFINITION EST12469 Jurkat T-cells VI Homo sapiens cDNA 5' end, mRNA sequence.  
 ACCESSION AA311750  
 VERSION AA311750.1 GI:1964077  
 KEYWORDS EST  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Bacteria; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.  
 REFERENCE Adams, M.D., Kerlavage, A.R., Fleischmann, R.D., Fuldhauer, R.A., Bult, C.J., Lee, N.H., Kirkeness, E.P., Weinstock, K.G., Gocayne, J.D., White, O., Sutton, G., Blake, J.A., Brandon, R.C., Man, Wai, C., Clayton, R.A., Cline, T.R., Cotton, M.D., Earle-Rhuges, J., Fine, L.D., Fitzgerald, L.M., Fitzhugh, W.M., Fritchman, J.L., Geohagen, N.S., Glodek, A., Gnehm, C.L., Hanna, M.C., Heblom, E., Hinkley, P.S.Jr., Kelley, J.M., Kelley, J.C., Liu, L.-I., Marmaro, S.M., Merrick, J.M., Moreno-Palangues, R.F., McDonald, L.A., Nguyen, D.T., Pellegrino, S.M., Phillips, C.A., Ryder, S.B., Scott, J.L., Sudek, D.M., Shirley, R., Smill, K.V., Spriggs, T.A., Utterback, T.R., Weidman, J.F., Li, Y., Bednarik, D.P., Cao, L., Cepeda, M.A., Colenian, T.A., Weidman, J.F., Li, Y., Dimke, D., Feng, D.-P., Ferrie, A., Fischer, C., Hastings, G.A., He, N.W., Hu, J.S., Greene, J.M., Gruber, J., Hudson, P., Kim, A.K., Kozak, D.L., Kunsch, C., Hung-jun, J., Li, H., Meissner, P.S., Olsen, H., Raymond, J., Wei, Y.P., Wing, J., Xu, C., Yu, G.L., Ruben, S.M., Dillon, P.J., Fannan, M.R., Rosen, C.A., Haseline, W.A., Fields, C., Fraser, C.M. and Venter, J.C.

TITLE Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence  
 JOURNAL Nature 377 (647 Suppl) 325-325  
 MEDLINE 96026280  
 PUBMED 7566098  
 COMMENT Contact: Kerlavage, AR

## Bioinformatics

The Institute for Genomic Research  
 9712 Medical Center Drive, Rockville, MD 20850 USA  
 Tel: 3018699056  
 Fax: 3018699123

Email: arkerlav@tigr.org  
 For clone availability, additional sequence and expression information related to this EST. Please check the TIGR Human Gene Index (<http://www.tigr.org/tigr/tgi/tgi.html>)  
 Seq primer: M13 Reverse.  
 Location/Qualifiers

1..409  
 /organism="Homo sapiens"  
 /mol\_type="mRNA"  
 /db\_xref="AROC (inhost):158964"  
 /db\_xref="taxon:9606"  
 /cell\_type="T-lymphocyte"  
 /clone\_lib="Jurkat T-cells VI"  
 /note="Vector: pBlueScript SK-;"  
 /xhol"

BASE COUNT 65 a 120 c 133 g 86 t 5 others  
 ORIGIN Query Match Score 249.6; DB 9; Length 409;  
 Best Local Similarity 6.2%; Pred. No. 1..8e-39;  
 Matches 252; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
 Db 2649 GTTTGCTGGAGATTCCTGACTATGTTGGACCCATCCTAACCGAAACCTTCCTCA 2708  
 1 GTTGGTGGAGATTCCTGTTGGACCCATCCTAACCGAAACCTTCCTCA 60  
 Qy 2709 GGACCTGGTCCGAGGTGGTGGATGTTGGTGAACCTTGCGAGAAGTGG 2768  
 Db 61 GGACCTGGTCCGAGGTGGTGAACCTTGCGAGAAGTGG 120  
 Qy 2769 TGAACTTCCCTGAGAAGCAGGGCCTGGTGGATGAGCTTGTGAGTGGCGGGCCC 2828

180 - 16